



Case History

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Unparalleled
Performance**

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**Specializing in:
Deep Foundations
Shoring Systems
Micro Piles**

Problem:

A basketball practice facility was being constructed next to the Assembly Hall at Indiana University. The facility had large concrete arches spanning the entire width of the building. These arches created tremendous uplift forces on the foundations.

Solution:

Helitech installed 42 - 6" diameter, rock anchors. The anchors were drilled 65' into limestone. The anchors had to be installed to resist 320,000 lbs of uplift forces. All anchors were double corrosion protected (DCP1) per Post-Tensioning Institute Recommendations for Pre-stressed Rock and Soil Anchors.

Results:

The rock anchors provided an economical solution to the problem. The entire project was completed in 10 working days. Each tieback was load tested to assure project standards were achieved.



Helitech Memberships:

